UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

43569

7590

08/03/2005

MAYER, BROWN, ROWE & MAW LLP 1909 K STREET, N.W. WASHINGTON, DC 20006 EXAMINER HUYNH, ANDY

ART UNIT

PAPER NUMBER

2818

DATE MAILED: 08/03/2005

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/612.922	07/07/2003	Sung-Kwon Lee	P68964US0	6949

TITLE OF INVENTION: SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR FABRICATING THE SAME

1	APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
ı	nonprovisional	NO	\$1400	\$300	\$1700	11/03/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885

or <u>Fax</u>

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for

naintenance fee notification	below or directed otherwise ons.						
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)			Note: Fee(s	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
	7590 08/03/2005		paper have	s. Each additiona ts own certificate	ll paper, such as an assignmer e of mailing or transmission.	it or formal drawing, must	
	••••	τιĎ		_		micrion	
MAYER, BROV 1909 K STREET, WASHINGTON,		LLF	I here States addre	by certify that the Postal Service vessed to the Mai	thicate of Mailing of Trains its Fee(s) Transmittal is being with sufficient postage for firs I Stop ISSUE FEE address TO (571) 273-2885, on the de	deposited with the United t class mail in an envelope above, or being facsimile	
WASHINGTON,	DC 20000		transı	nitted to the USP	TO (571) 273-2885, on the da	(Depositor's name)	
			<u> </u>			(Signature)	
			\ <u> </u>			(Date)	
			<u> </u>				
APPLICATION NO.	FILING DATE	FIRST NA	AMED INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/612,922	07/07/2003	Sun	g-Kwon Lee		P68964US0	6949	
TITLE OF INVENTION:	SEMICONDUCTOR MEMO	RY DEVICE AND METH	OD FOR FABRIC	ATING THE SAI	ME		
ITTEE OF INVESTIGATION							
APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLIC	ATION FEE	TOTAL FEE(S) DUE	DATE DUE	
nonprovisional	NO	\$1400		300	\$1700	11/03/2005	
EXA	MINER	ART UNIT	NIT CLASS-SUBCLASS				
HUYN	IH, ANDY	2818	438	689000	_		
		ee Address" (37 2. Fo	r printing on the pa	tent front page, l	ist		
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).			(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,				
Change of corresponded Address form PTO/SB	ndence address (or Change of /122) attached.	(2) th	(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is 3				
"Fae Address" indic	ration (or "Fee Address" Indic	ation form regis					
PTO/SB/47; Rev 03-02 Number is required.	or more recent) attached. Us	listed	i, no name will be	orinted.			
3. ASSIGNEE NAME AN	ND RESIDENCE DATA TO E	E PRINTED ON THE PA	TENT (print or typ	e)			
PLEASE NOTE: Unle recordation as set forth	ess an assignee is identified b in 37 CFR 3.11. Completion	elow, no assignee data will of this form is NOT a subs	Il appear on the patitute for filing an	tent. If an assig sssignment.	nee is identified below, the d	locument has been filed for	
(A) NAME OF ASSIG			DENCE: (CITY an				
					a a a si a a a a a a a a a a a a a a a a	coup entity	
	ate assignee category or categ			Individual 🖵 (	orporation or other private gi	oup entity - dovernment	
4a. The following fee(s) a	re enclosed:	•	4b. Payment of Fee(s):  A check in the amount of the fee(s) is enclosed.				
Issue Fee	o small entity discount permit	_	Payment by credit card. Form PTO-2038 is attached.				
	of Copies		The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).				
		Depos	it Account Number		(enclose an extra c	copy of this form).	
5. Change in Entity Stat	tus (from status indicated aboves SMALL ENTITY status. See	e) -37 CER 1-27	Annlicant is no lon	ger claiming SM	ALL ENTITY status. See 37 C	CFR 1.27(g)(2).	
a. Applicant claims	SO is requested to apply the Is	The Fee and Publication Fee	(if any) or to re-a	oply any previou	sly paid issue fee to the applic	ation identified above.	
NOTE: The Issue Fee and interest as shown by the r	TO is requested to apply the Isd d Publication Fee (if required) ecords of the United States Pa	will not be accepted from a tent and Trademark Office.	anyone other than t	he applicant; a re	gistered attorney or agent; or t	the assignee or other party in	
Authorized Signature			<del>_</del>	Date			
Typed or printed name				Registratio	on No		
Typed of printed name		211 The information is rec	wired to obtain or				
This collection of inform an application. Confident submitting the completed this form and/or suggestit Box 1450, Alexandria, V Alexandria, Virginia 223	ation is required by 37 CFR 1 itality is governed by 35 U.S.6 application form to the USP ons for reducing this burden, (irginia 22313-1450. DO NO 13-1450.	511. The information is let 1.122 and 37 CFR 1.14. T 1.10. Time will vary depend 1.10. Sent to the Chief 1.10. SEND FEES OR COMPI	his collection is es ding upon the indi- Information Offic LETED FORMS T	nimated to take 12 vidual case. Any er, U.S. Patent an O THIS ADDRE	2 minutes to complete, includi comments on the amount of the drademark Office, U.S. De SS. SEND TO: Commissione	ing gathering, preparing, and ime you require to complete partment of Commerce, P.O. r for Patents, P.O. Box 1450	
Under the Paperwork Re	duction Act of 1995, no person	is are required to respond to	o a collection of in	formation unless	it displays a valid OMB contro	oi number.	



## United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/612,922	07/07/2003	Sung-Kwon Lee	P68964US0	6949
43569 7	7590 08/03/2005		EXAMINER	
MAYER, BROV	VN, ROWE & MAW I	HUYNH, ANDY		
1909 K STREET, N.W. WASHINGTON, DC 20006			ART UNIT	PAPER NUMBER
WASHINGTON, DC 20000			2818	
			DATE MAILED: 08/03/2005	

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 102 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 102 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.